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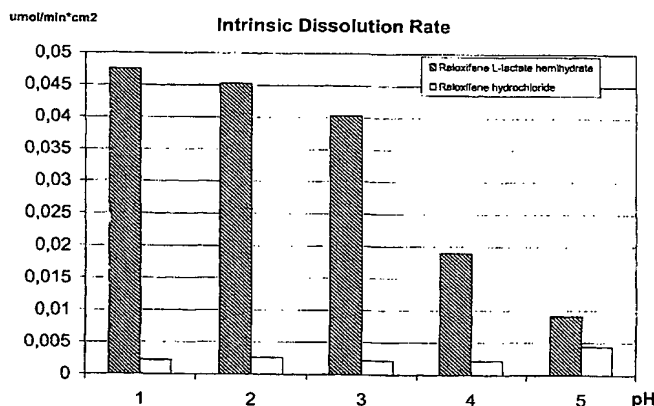
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[Continued on next page]

(54) Title: NOVEL RALOXIFENE ACID ADDITION SALTS AND/OR SOLVATES THEREOF, IMPROVED METHOD FOR PURIFICATION OF SAID RALOXIFENE ACID ADDITION SALTS AND/OR SOLVATES THEREOF AND PHARMACEUTICAL COMPOSITIONS COMPRISING THESE



(57) Abstract: Raloxifene acid addition salts or solvates thereof, having improved dissolution properties in media comprising hydrochloric acid are described. The disclosed acid addition salts or solvates thereof show an improved bioavailability in media comprising hydrochloric acid, such as the gastric juice. The acid addition salts or solvates thereof are addition salts or solvates of raloxifene and a pharmaceutical acceptable acid selected among succinic acid, lactic acid, malonic acid or sulphuric acid. Further, crystalline forms of the raloxifene salts and solvates thereof are disclosed. The raloxifene acid addition salts and/or solvates thereof are useful for the preparation of pharmaceutical composition for oral administration capable of fast and reliable release of the active ingredients in the stomach of the patient, in particular for the treatment of cancer or osteoporosis, or for inhibiting cartilage degradation. A new method for preparation of raloxifene lactate is also disclosed.



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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D409/12 A61K31/445 A61K31/381 A61P35/00 A61P19/00
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 062 503 A (LILLY CO ELI) 13 October 1982 (1982-10-13) page 7, line 24 -page 8, line 11 page 15, line 4 - line 17; claims 2-4 ---	1-20
A	EP 0 584 952 A (LILLY CO ELI) 2 March 1994 (1994-03-02) page 5, line 3 - line 25; claims ---	1-20
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A	EP 0 875 511 A (LILLY CO ELI) 4 November 1998 (1998-11-04) page 4, line 10 - line 29 page 4, line 43; claims ---	1-20
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☒ Further documents are listed in the continuation of box C.

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